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ABSTRACT OF THE DISCLOSURE

A tag information separating unit separates a tag identified from a character train stream and outputs as tag information. A tag code replacing unit arranges a tag code for identification to a position of the character train stream in which the tag was separated. A character train coding unit compression encodes the character train stream including a tag code which is outputted from the tag code replacing unit. A data reconstructing apparatus reconstructs the character train stream by the operation opposite to the compression.

095555-071399